

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-7 (cancelled)

Claim 8 (new): A material for cartilage-like material substitution, comprising a fibre-reinforced polymerized hydrogel, wherein said polymerized hydrogel contains 10-70% (m/m) swellable fibres (based on the dry matter), and wherein 1-5% (m/m) (based on the dry matter) of a substance that contains ionized groups has been added to said polymerized hydrogel.

Claim 9 (new): The material for cartilage-like material substitution according to claim 8, wherein said hydrogel comprises a hydroxyethyl methacrylate (HEMA) polymer.

Claim 10 (new): The material for cartilage-like material substitution according to claim 8, wherein said substance containing ionized groups comprises methacrylic acid.

Claim 11 (new): The material for cartilage-like material substitution according to claim 10, wherein said methacrylate comprises 1-5% (m/m) methacrylate.

Claim 12 (new): The material for cartilage-like material substitution according to claim 8, wherein said swellable fibres comprise fibres saturated in liquid.

Claim 13 (new): The material for cartilage-like material substitution according to claim 8, wherein said swellable fibres comprise a polyurethane material.

Claim 14 (new): A prosthesis fabricated of the material for cartilage-like material substitution of claim 8.